Project Title	Funding	Institution
Animal models of neuropsychiatric disorders	$1,835,912	National Institutes of Health (NIH)
Studies on protein synthesis and long-term adaptive responses in the CNS	$1,659,897	National Institutes of Health (NIH)
Neural and cognitive mechanisms of autism	$1,500,000	Massachusetts Institute of Technology
Neurogenetic model of social behavior heterogeneity in autism spectrum disorders	$821,227	Duke University
Dissecting the neural control of social attachment	$772,500	University of California, San Francisco
Development of a high-content neuronal assay to screen therapeutics for the treatment of cognitive dysfunction in autism spectrum disorders	$597,637	Massachusetts Institute of Technology
Novel models to define the genetic basis of autism	$545,463	Cold Spring Harbor Laboratory
Probing disrupted cortico-thalamic interactions in autism spectrum disorders	$518,375	Children's Hospital Boston
Function and dysfunction of neuroligins	$498,885	Stanford University
Role of UBE3A in neocortical plasticity and function	$490,000	Duke University
Investigation of the role of MET kinase in autism	$488,411	Johns Hopkins University School of Medicine
Transgenic mouse model to address heterogeneity in autism spectrum disorders	$454,745	Vanderbilt University
Behavioral and neural processing of faces and expressions in nonhuman primates	$432,400	Emory University
Characterization of the transcriptome in an emerging model for social behavior	$426,250	Emory University
Molecular determinants of L-type calcium channel gating	$402,500	Columbia University
Synaptic and circuitry mechanisms of repetitive behaviors in autism	$400,000	Massachusetts Institute of Technology
Genomic imbalances at the 22q11 locus and predisposition to autism	$400,000	Columbia University
Behavioral and physiological consequences of disrupted Met signaling	$400,000	University of Southern California
Using zebrafish and chemical screening to define function of autism genes	$395,497	Whitehead Institute for Biomedical Research
Central vasopressin receptors and affiliation	$363,959	Emory University
The role of SHANK3 in autism spectrum disorders	$360,000	Mount Sinai School of Medicine
Neurobiology of sociability in a mouse model system relevant to autism	$354,375	University of Pennsylvania
The genetic control of social behavior in the mouse	$346,000	University of Hawai'i at Manoa
Regulation of synaptogenesis by cyclin-dependent kinase 5	$325,889	Massachusetts Institute of Technology
Neurobiological mechanism of 15q11-13 duplication autism spectrum disorder	$303,625	Beth Israel Deaconess Medical Center
Serotonin, corpus callosum, and autism	$303,250	University of Mississippi Medical Center
Perturbed activity-dependent plasticity mechanisms in autism	$301,444	Harvard Medical School
Dynamic regulation of Shank3 and ASD	$300,000	Johns Hopkins University
Novel genetic animal models of autism	$274,750	University of Texas Southwestern Medical Center
A comparative developmental connectivity study of face processing	$267,046	University of Kentucky
CNTNAP2 in a behavioral model of autism	$265,450	University of California, Los Angeles
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	$253,848	Massachusetts Institute of Technology

Project Title	Funding	Institution
Neurexin-neuroligin trans-synaptic interaction in learning and memory	$200,000	Columbia University
Characterization of a novel mouse model of restricted repetitive behaviors	$184,844	University of North Carolina at Chapel Hill
Neurobiology of sociability in a mouse model system relevant to autism (supplement)	$175,927	University of Pennsylvania
A proposal to define cells and circuits impacted in autism spectrum disorders	$162,544	The Rockefeller University
Development of genomic resources for prairie voles	$158,400	Emory University
A mouse knock-in model for ENGRAILED 2 autism susceptibility	$152,667	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Role of a novel Wnt pathway in autism spectrum disorders	$150,000	University of California, San Francisco
Analysis of cortical circuits related to ASD gene candidates	$127,500	Cold Spring Harbor Laboratory
Vasopressin receptors and social attachment	$121,500	Emory University
Integrated approach to the neurobiology of autism spectrum disorders	$115,446	Yale University
Primate models of autism	$106,671	University of California, Davis
A non-human primate autism model based on maternal immune activation	$106,670	University of California, Davis
Using iPS cells to study genetically defined forms with autism	$100,000	Stanford University
Animal models of autism: Pathogenesis and treatment	$100,000	University of Texas Southwestern Medical Center
Serotonin, autism, and investigating cell types for CNS disorders	$90,000	The Rockefeller University
Dysregulation of PI3K/AKT in social interaction deficits and autism spectrum disorders with macrocephaly	$81,630	University of Texas Southwestern Medical Center
Functional genomic dissection of language-related disorders	$78,585	University of Oxford
Systematic analysis of neural circuitry in mouse models of autism	$75,432	Cold Spring Harbor Laboratory
The role of CNTNAP2 in embryonic neural stem cell regulation	$75,000	Johns Hopkins University School of Medicine
Using Drosophila to model the synaptic function of the autism-linked NHE9	$75,000	Massachusetts Institute of Technology
Role of Wnt signaling in forebrain development, synaptic physiology, and mouse behavior	$70,041	University of California, San Francisco
Mouse genetic model of a dysregulated serotonin transporter variant associated with autism	$60,000	Vanderbilt University
The genetics of restricted, repetitive behavior: An inbred mouse model	$60,000	University of Florida
A novel cell-based assay for autism research and drug discovery	$60,000	University of Arizona
Functional analysis of neurexin IV in Drosophila	$57,210	University of California, Los Angeles
Synaptic plasticity, memory and social behavior	$50,054	New York University
Neural mechanisms of social cognition and bonding	$43,907	Emory University
Behavioral, physiological & neuroanatomical consequences of maternal separation	$43,907	Emory University
The integration of interneurons into cortical microcircuits	$37,500	New York University School of Medicine

Project Title	Funding	Institution
Central vasopressin receptors and affiliation	$32,902	Emory University
Role of L-type calcium channels in hippocampal neuronal network activity	$32,191	Stanford University
Neurogenomics in a model for procedural learning	$31,848	University of California, Los Angeles
A preclinical model for determining the role of AVPR1A in autism spectrum disorders	$30,000	Mount Sinai School of Medicine
The role of SHANK3 in the etiology of autism spectrum disorder	$28,000	Johns Hopkins University
Caspr2 dysfunction in autism spectrum disorders	$28,000	Yale University
Genomic resources for identifying genes regulating social behavior	$0	Emory University
Neuropharmacology of motivation and reinforcement in mouse models of autistic spectrum disorders	$0	University of North Carolina School of Medicine
Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila	$0	Albert Einstein College of Medicine of Yeshiva University